

Substitute for form 1449A-B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Complete if Known	
	Application Number	
	Filing Date	Herewith
	First Named Inventor	Jeffrey A. Wolk
	Group Art Unit	4741-1763
	Examiner Name	Phasgo Olsen
	Attorney Docket Number	100/06110



U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appeal
		Number	Kind Code (if known)			
Auo	AA	4,390,403		Batchelder	06-28-1983	
	AB	4,908,112		Pace	03-13-1990	
	AC	4,963,498		Hillman et al.	10-16-1990	
	AD	5,089,099		Chien et al.	02-18-1992	
	AE	5,116,471		Chien et al.	05-26-1992	
	AF	5,126,022		Soane et al.	06-30-1992	
	AG	5,140,161		Hillman et al.	08-18-1992	
	AH	5,144,139		Hillman et al.	09-01-1992	
	AI	5,164,598		Hillman et al.	11-17-1992	
	AJ	5,188,963		Stapleton	02-23-1993	
	AK	5,192,405		Petersen et al.	03-09-1993	
	AL	5,270,183		Corbett et al.	12-14-1993	
	AM	5,282,942		Herrick et al.	02-01-1994	
	AN	5,302,264		Welch et al.	04-12-1994	
	AO	5,304,487		Wilding et al.	04-19-1994	
	AP	5,358,612		Dasgupta et al.	10-25-1994	
	AQ	5,415,747		Holloway	05-16-1995	
	AR	5,486,335		Wilding et al.	01-23-1996	
	AS	5,498,392		Wilding et al.	03-12-1996	
	AT	5,536,382		Sunzeri	07-16-1996	
AU	5,560,811		Briggs et al.	10-01-1996		
AV	5,571,410		Swedberg et al.	11-05-1996		
AW	5,585,069		Zanzucchi et al.	12-17-1996		
AX	5,593,838		Zanzucchi et al.	01-14-1997		
AY	5,603,351		Cherukuri et al.	02-18-1997		
AZ	5,605,662		Heller et al.	02-25-1997		
Auo	BA	5,630,925		Pentoney, Jr. et al.	05-20-1997	
Examiner Signature <i>Phasgo Olsen</i>				Date Considered	8-10-05	

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<i>Geo</i>	BB	5,635,358		Wilding et al.	06-03-1997	
	BC	5,637,469		Wilding et al.	06-10-1997	
	BD	5,699,157		Parce	12-16-1997	
	BE	5,750,015		Soane et al.	05-12-1998	
	BF	5,779,868		Parce et al.	07-14-1998	
	BG	5,800,690		Chow et al.	09-01-1998	
	BH	5,842,787		Kopf-Sill et al.	12-01-1998	
	BI	5,852,495		Parce	12-22-1998	
	BJ	5,869,004		Parce et al.	02-09-1999	
	BK	5,876,675		Kennedy	03-02-1999	
	BL	5,880,071		Parce et al.	03-09-1999	
	BM	5,882,465		McReynolds	03-16-1999	
	BN	5,885,470		Parce et al.	03-23-1999	
	BO	5,890,745		Kovacs	04-06-1999	
	BP	5,942,443		Parce et al.	08-24-1999	
	BQ	5,948,227		Dubrow	09-07-1999	
	BR	5,955,028		Chow	09-21-1999	
	BS	5,957,579		Kopf-Sill et al.	09-28-1999	
	BT	5,958,203		Parce et al.	09-28-1999	
	BU	5,958,694		Nikiforov	09-28-1999	
	BV	5,959,291		Jensen	09-28-1999	
	BW	5,964,995		Nikiforov et al.	10-12-1999	
	BX	5,965,001		Chow et al.	10-12-1999	
	BY	5,965,410		Chow et al.	10-12-1999	
	BZ	5,972,187		Parce et al.	10-26-1999	
	CA	5,976,336		Dubrow et al.	11-02-1999	
	CB	5,989,402		Chow et al.	11-23-1999	
	CC	6,001,231		Kopf-Sill	12-14-1999	
<i>Geo</i>	CD	6,004,515		Parce et al.	12-21-1999	
Examiner Signature	<i>Phasge Olsen</i>			Date Considered	8-16-05	

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<i>Joe</i>	CE	6,011,252		Jensen	01-04-2000	
<i>Joe</i>	CF	6,012,902		Parce	01-11-2000	
	CG					

FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number	Kind Code (if known)				
	CH	WO	9405414		Univ. Calif.	03-17-1994		
	CI	WO	9604647		Lockheed Martin	02-15-1996		
	CJ	WO	9629595		Saurat Anal.	09-26-1996		
	CK	WO	9702357		Affymetrix, Inc.	01-23-1997		
	CL	EP	107631		Bifok AB	05-02-1984		
	CM	JP	4-160356		Shimadzu Corp.	06-03-1992		
	CN							

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				T
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
CO	BAO, J. et al., "Ultramicro enzyme assays in a capillary electrophoretic system," J. Chroma. (1992) 608:217-224			
CP	COHEN, C.B. et al., "A Microchip-Based Enzyme Assay for Protein Kinase A," Anal. Chem. (1999) 273:89-97			
CO	DASGUPTA, P.K. et al., "Electroosmosis: A Reliable Fluid Propulsion System for Flow Injection Analysis," Anal. Chem. (1994) 66:1792-1798			
CR	EEFENHAUSER, C.S. et al., "Glass Chips for High-Speed Capillary Electrophoresis Separation with Submicrometer Plate Heights," Anal. Chem. (1993) 65:2637-2642			
CS	EAN, Z.H. et al., "Micromachining of Capillary Electrophoresis Injectors and Separators on Glass Chips and Evaluation of Flow at Capillary Intersections," Anal. Chem. (1994) 66:177-184			
CT	HARMON, B.J. et al., "Mathematical Treatment of Electrophoretically Mediated Microanalysis," Anal. Chem. (1993) 65:2655-2662			
CU	HARMON, B.J. et al., "Selectivity in Electrophoretically Mediated Microanalysis by Control of Product Detection Time," Anal. Chem. (1994) 66:3797-3805			

Examiner Signature	<i>Ala Obe</i>	Date Considered	8-10-05
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CV	HARRISON, D.J. et al. "Capillary Electrophoresis and Sample Injection Systems Integrated on a Planar Glass Chip," Anal. Chem. (1992) 64:1926-1932	
CW	HARRISON, D.J. et al. "Micromachining a Miniaturized Capillary Electrophoresis-Based Chemical Analysis System on a Chip," Science (1993) 261:895-897	
CX	HOLLOWAY, G.J. et al. "The analysis of amino acids and peptides by isotachopheresis," Electrophoresis (1981) 2:127-134	
CY	JACOBSON, S.C. et al. "Effects of Injection Schemes and Column Geometry on the Performance of Microchip Electrophoresis Devices," Anal. Chem. (1994) 66:1107-1113	
CZ	JACOBSON, S.C. et al. "High Speed Separations on a Microchip," Anal. Chem. (1994) 66:1114-1118	
DA	JACOBSON, S.C. et al. "Open Channel Electrochromatography on a Microchip," Anal. Chem. (1994) 66:2369-2373	
DB	JACOBSON S.C. et al., "Precolumn Reactions with Electrophoretic Analysis Integrated on a Microchip," Anal. Chem. (1994) 66:4127-4132	
DC	JACOBSON, S.C. et al. "Microchip electrophoresis with sample stacking," Electrophoresis (1995) 16:481-486	
DD	JACOBSON, S.C. et al., "Fused Quartz Substrates for Microchip Electrophoresis," Anal. Chem. (1995) 67:2059-2063	
DE	KJELLIN, K.G. et al., "Isotachopheresis of CSF Proteins in Gel Tubes Especially Gammaglobulins," J. Neurol. (1979) 221:225-233	
DF	KOPWILLEM, A. et al., "Serum Protein Fractionation by Isotachopheresis Using Amino Acid Spacers," J. Chroma. (1976) 118:35-46	
DG	LINHARES, M.C. et al., "Use of an On-Column Fracture in Capillary Zone Electrophoresis for Sample Introduction," Anal. Chem. (1991) 63:2076-2078	
DH	MANZ, A. et al., "Miniaturized Total Chemical Analysis Systems: a Novel Concept for Chemical Sensing," Sensors and Actuators (1990) B1:244-248	
DI	MANZ, A. et al., "Micromachining of monocrystalline silicon and glass for chemical analysis systems," Trends in Anal. Chem. (1991) 10(5):144-149	
DJ	MANZ, A. et al., "Planar chips technology for miniaturization and integration of separation techniques into monitoring systems," J. Chroma (1992) 593:253-258	
DK	MANZ, A. et al., "Electroosmotic pumping and electrophoretic separations for miniaturized chemical analysis systems," J. Micromech. Microeng. (1994) 4:257-265	
DL	RAMSEY, J.M. et al., "Microfabricated chemical measurement systems," Nature Med. (1995) 1:1093-1096	

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DM	SANDOVAL, J.E. et al., "Method for the Accelerated Measurement of Electroosmosis in Chemically Modified Tubes for Capillary Electrophoresis," Anal. Chem. (1996) 68:2771-2775	
DN	SEILER, K. et al., "Planar Glass Chips for Capillary Electrophoresis. Repetitive Sample Injection, Quantitation, and Separation Efficiency," Anal. Chem. (1993) 65:1481-1488	
DO	SEILER, K. et al., "Electroosmotic Pumping and Valveless Control of Fluid Flow Within a Manifold of Capillaries on a Glass Chip," Anal. Chem. (1994) 66:3485-3491	
DP	SVENDSEN, P. J. et al., "Separation of Proteins Using Ampholine Carrier Ampholytes as Buffer and Spacer Ions in an Isotachopheresis System," Scienc Tools, the KLB Instrument Journal (1970) 17:13-17	

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